HAAN®

engineering clean.™

Steam Cleaning

FLOOR SANITIZER

FS-20/FS-20+

The Fast, Easy and Effective Way to Clean and Sanitize Your Floor!

User Manual

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Introduction

Cleaning your floors has never been easier!

Congratulations on purchasing the **HAAN®** FS-20 Steam Cleaning Floor Sanitizer.

You're about to discover the ease and efficiency of using the FS-20 to clean your tile, hardwood, laminate, linoleum and other sealed hard surface floors.

Since its introduction, the FS-20 has gained a reputation as one of the finest steam cleaners on the market. Engineered to deliver a high level of performance, the FS-20 uses the natural power of steam to remove tough grease, dirt and grime. Steam is nature's purest and most powerful way to safely clean and sanitize – without harsh chemicals, for a perfectly ecological approach. No film, no residue – just clean, germ-free floors and surfaces.

The **HAAN®** FS-20 Steam Cleaning Floor Sanitizer is easy to assemble so you can put it to use right away – anywhere you want to clean and sanitize – from your kitchen and living room to your bathroom.

Look for the **HAAN®** "steamlet" symbol in this manual for Helpful **HAAN®** Hints that will help you make the most of your new **HAAN®** FS-20 Steam Cleaning Floor Sanitizer.

Backed with a one-year limited warranty, your quality **HAAN®** product is sure to give you years of dependability. And our Customer Care representatives are available to answer any of your questions about your new Steam Cleaning Floor Sanitizer.

Thousands of **HAAN®** customers have already fallen in love with the **HAAN®** FS-20 Steam Cleaning Floor Sanitizer. We're confident you will, too.

Thank you again for your purchase.

The **HAAN®** *Team*

FOR HOUSEHOLD USE ONLY

IMPORTANT

Be sure to read **ALL** instructions and warnings **before** using your **HAAN®** Floor Sanitizer.

WARNING

Risk of electrical shock - be sure to read and follow all instructions and warnings.

CAUTION

The FS-20 emits steam at 212˚F to sanitize the area of use. This means that the steam head, Ultra-Microfiber Pads and Sanitizing Tray get very hot during use. Care should be taken when using this appliance and DO NOT touch them during use except in the approved manner as outlined in this manual.

SAVE THESE INSTRUCTIONS - For household use only. Any other use of this appliance will void the manufacturer's warranty.

Basic precautions should be observed when using an electrical appliance, including the following:

1. Do not direct steam at people, animals, or at electrical outlets.
2. Do not expose to rain or use outdoors. Store indoors.
3. Never leave your floor sanitizer in one spot on any surface for any period of time. Always place on the floor protector pad and make sure that the product is turned off.
4. Unplug from outlet when not in use and before conducting maintenance or troubleshooting.
5. Do not leave Floor Sanitizer unattended.
6. Do not leave the Floor Sanitizer connected to an electrical outlet when not in use.
7. Do not service Floor Sanitizer when it is plugged in.
8. Do not use with damaged cord or plug.
9. Do not use Floor Sanitizer if it has been dropped, damaged, left outdoors or dropped into water. Call Customer Service for instructions.
10. Do not handle Floor Sanitizer with wet hands.
11. Do not pull or carry by cord, use cord as a handle, close door on cord, bend the cord excessively, pull cord around sharp corners, place heavy objects on it or expose cord to heated surfaces. If the power cord has become knotted and, or worn, contact the service center for a replacement power cord.
12. Do not unplug by pulling on cord. Unplug by grasping the plug, not the cord.
13. Do not use appliance in an enclosed space filled with vapor given off by oil-based paint thinner, some moth-proofing substances, flammable dust, or other explosive or toxic vapors. When in use, never turn the Floor Sanitizer over on its side.
14. Do not allow to be used as a toy. Pay close attention when used near children, pets or plants. Do not leave your Floor Sanitizer unattended while plugged in.
15. Do not use on leather, wax polished furniture or floors, synthetic fabrics, velvet or other delicate, steam-sensitive materials.

WARNING

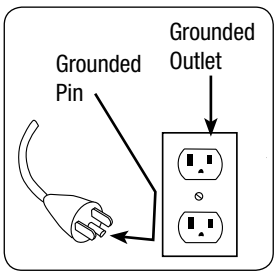
To avoid circuit overload, DO NOT operate another appliance on the same electrical outlet (circuit).

CAUTION

DO NOT operate your Floor Sanitizer if the power indicator light flickers. Contact the HAAN® Customer Care Center at the number shown below.

16. Do not immerse in water or any other liquids.
17. Do not use for any purpose other than described in this User Manual. Use the product only for its intended use and only as described in this manual.
18. Use only manufacturer's recommended attachments – use of attachments not provided or sold by HAAN may cause fire, electric shock or injury.
19. Never put any aromatic oils or perfumes, chemicals, alcohol or detergent products into the steam cleaner, except those approved by HAAN. Non-approved additives may damage the unit or make it unsafe for use.
20. Do not put any foreign objects into openings. Do not use with any opening blocked.
21. Use ONLY on flat, horizontal surfaces. Do not use on walls or windows. Extreme caution should be exercised when using your floor sanitizer to clean stairs.
22. If the circuit breaker activates while using the steam function, discontinue product use immediately and contact the customer support center. (Beware of the risk of electrical shock.)
23. Do not allow the product to be disassembled and/ or modified by anyone other than an authorized service technician. (Doing so can result in fire and/ or electrical shock.)
24. Never use your Floor Sanitizer on hard surface floors without the Ultra-Microfiber Pad or the Sanitizing Tray (for carpet) attached.

IMPORTANT



WARNING

DO NOT modify the plug. Improper connection of the equipment-grounding conductor can result in a risk of electrical shock.

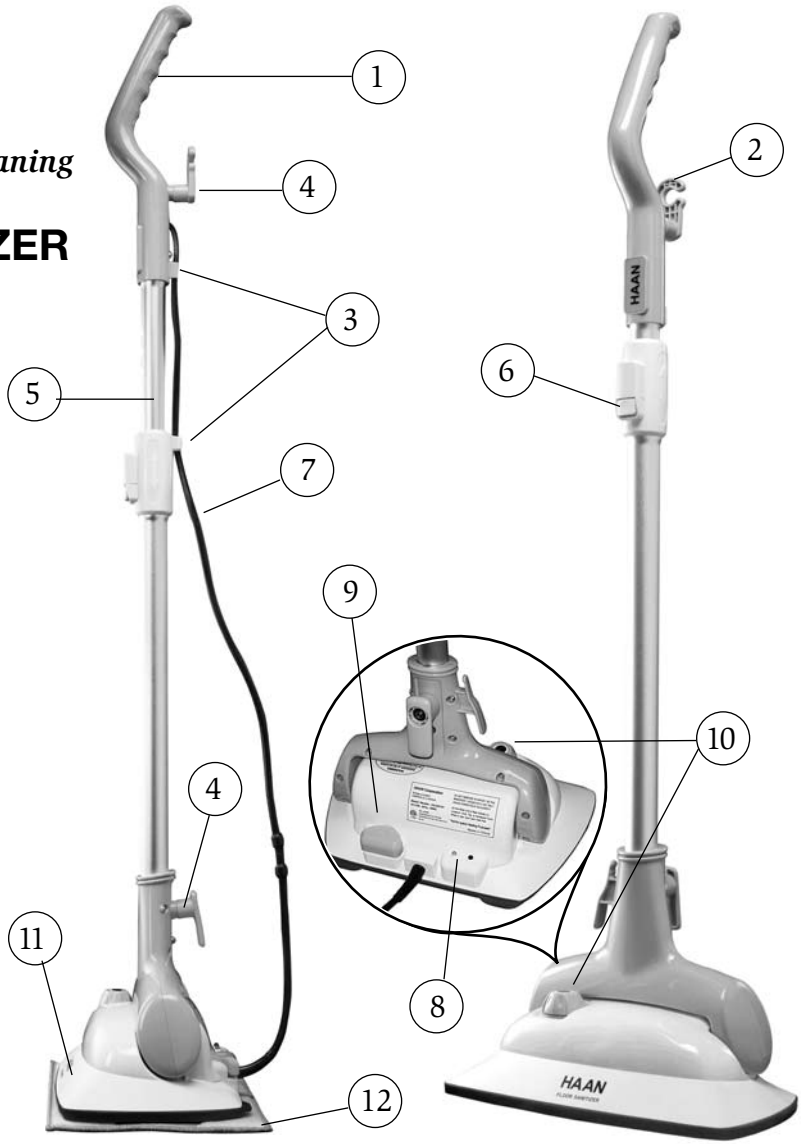
Grounding Instructions:

The **HAAN®** FS-20 must be connected to a grounded (3-prong) wiring system. Grounding provides a safe path of least resistance for electrical current, in the event the unit should malfunction or break down, thereby reducing the risk of electrical shock. The cord for this product has an equipment-grounding conductor and a grounding plug. Do not plug it into an outlet that is not properly installed and grounded in accordance with all local codes and ordinances.

Check with a qualified electrician or service person if you aren't sure if the outlet is properly grounded. If it will not fit the outlet, have a proper outlet installed by a qualified electrician. This appliance is designed for use on a nominal 120-volt circuit and has a grounding attachment plug as illustrated above. Make certain that the appliance is connected to an outlet having the same configuration as the plug. ***No plug adapter should be used with this appliance.***

FS-20

Steam Cleaning
FLOOR SANITIZER



Included Accessories:

13 Fill Cup (1)

14 Floor Protector/ Resting Mat (1)

15 Sanitizing Tray (1) - Optional Purchase; included In FS-20+

16 Short Handle (1) - Optional Purchase

Product Description

FEATURES:

1. Handle - designed for easy cleaning.
2. Storage Hook - rotates 360˚ so it can be used to manage the cord and then provide convenient, easy hanging storage in closet or laundry room.
3. Power Cord Management System - keeps your pathway clear.
4. Pivoting Power Cord Wrap- releases cord with a flick of the wrist.
5. Telescoping Pole - adjusts for height, tight spaces and easy storage. This 'one-piece' pole comes packaged at lowest height setting.
6. Telescoping Pole Release Button - extends and collapses the telescoping pole to adjust the height.
7. Power Cord with Flexible Cord Support - double insulated cord with a 3-prong plug complete with a flexible cord support strengthens cord connection.
8. Indicator Lights - GREEN Power Light illuminates when unit is ON and RED Empty Light indicates when water refill is needed.
9. ON/OFF Switch - for easy ON/OFF steam operation.
10. Thermal Indicator - turns from black to orange when the FS-20 is ready to use.
11. Steam Head with 15 Powerful Steam Jets - spaced perfectly to cover more floor in less time.
12. Ultra-Microfiber Pad - (2) patented super-absorbent Ultra-Microfiber Pads lock in dirt and leave floors dry to the touch. Specially designed for 'No-Touch' attachment and removal.

Make sure to check for the following accessories!

13. Fill Cup (1) - makes it easy to put the right amount of water in the tank.
14. Floor Protector/Resting Mat (1) - for use when heating up your floor sanitizer or when taking a break from active cleaning – place on the floor with the "bumpy" side facing up.
15. Sanitizing Tray (1; included in the FS-20+ or as a separate purchase) - easily attaches to unit for sanitizing and refreshing carpeted areas and other soft surfaces..
16. Short Handle (1; optional purchased accessory) - designed for cleaning and sanitizing surfaces other than floors, including bedding, counter tops and other surfaces throughout the home.

HELPFUL HAAN® HINT:
15 Powerful Steam Jets are spaced perfectly to cover more floor in less time. Be assured you are steam cleaning when you push the machine forward, as well as when you are pulling it back.

HELPFUL HAAN® HINT:
To extend the life of your Ultra-Microfiber Pads, always place your unit on the floor protector/resting pad while the unit heats up, and attach the Ultra-Microfiber Pad when the unit is ready to use.

HELPFUL HAAN® HINT:
Using the Floor Sanitizer with the Carpet Tray will not lift all set-in stains from your carpet but our patented Ultra-Microfiber Pad may be used to act as a "blotter" for removing most fresh, wet spills and stains.

Assembling Your Floor Sanitizer

1 ➟ 2 ➟ 3
Ready to Steam

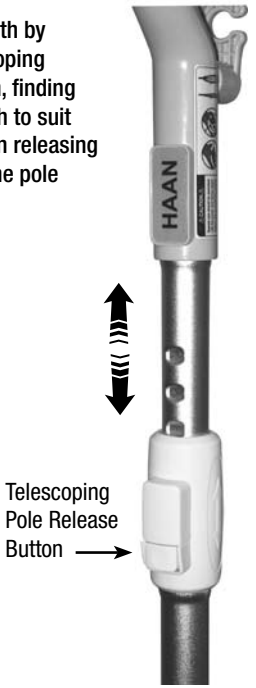
To enable you to get the most satisfaction from your Floor Sanitizer be sure to follow the assembly and operating instructions included in this manual. Read this manual thoroughly before assembling your unit.

Pay specific attention to the product description to familiarize yourself with all the parts of your Floor Sanitizer. Locate and organize the parts of the unit before assembling. No additional tools are needed to put the unit together. It is quick and easy.

1 **Insert the handle onto the Telescoping Pole. There is an arrowed label that indicates the direction to hold the handle and poles for insertion. Align the ridge in the pole to the ridge inside the handle and slide them together until the locking pin snaps into place.**

2 **Attach the pole to the main unit by aligning the ridge in the pole to the ridge in the base, as well as aligning the hole with the locking pin. Push the locking pin in and slide the pole down until the pin clicks into place securing the handle.**

3 **Adjust the pole length by pressing the Telescoping Pole Release Button, finding a comfortable length to suit your height and then releasing the button to lock the pole at that position.**



Note:
Telescoping Pole comes packaged 'one-piece' at lowest height setting.

Before Using Your Floor Sanitizer

Be sure to read ***ALL*** instructions and warnings ***before*** using your **HAAN®** Floor Sanitizer.

HELPFUL HAAN® HINT:
Never leave the appliance in one spot on any surface for any period of time. Always place your Floor Sanitizer on the Floor Protector/Resting Mat when stationary and make sure the floor sanitizer is turned off when not in use.

WARNING

Your floor sanitizer is designed to clean hard floor surfaces that will withstand high heat. Do not use on unsealed wood or unglazed ceramic floors. On surfaces that have been treated with wax or some no-wax floors, the sheen may be removed by the heat and steam action. It is always recommended to test an isolated area of the surface to be cleaned before proceeding. We also recommend that you check the use and care instructions from the floor manufacturer.

CAUTION

Use a grounded receptacle. Use only a heavy duty extension cord rated for 15 amps minimum – DO NOT use an ordinary extension cord. To provide continued protection against the risk of electric shock, connect to properly grounded outlet only.

HELPFUL HAAN® HINT:
DO NOT add cleaning solutions, scented perfumes, oils or any other chemicals to the water used in this appliance except those authorized by **HAAN®** While it is acceptable to use regular tap water, if the tap water in your area is hard, we recommend you use distilled/purified water to extend the life of your appliance. Always empty water from water tank after use.

IMPORTANT

This product is *NOT* for space heating purposes.

IMPORTANT

Always be sure that your floor sanitizer is *UNPLUGGED* from the wall receptacle prior to filling the water tank.

Never use your FS-20 without the Ultra-Microfiber Pad attached to the base, unless you are using the optional Sanitizing Tray for carpet and soft surfaces.

CAUTION

The FS-20 emits steam at 212˚F to sanitize the area of use. This means that the steam head, Ultra-Microfiber Pads and Sanitizing Tray get very hot during use. Care should be taken when using this appliance and DO NOT touch them during use except in the approved manner as outlined in this manual.

Using Your Floor Sanitizer

Fig 1

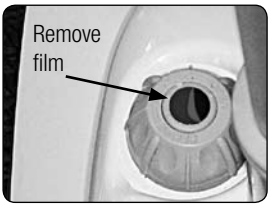


Fig 2

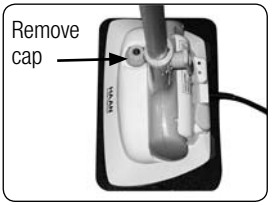


Fig 3

Fig 4

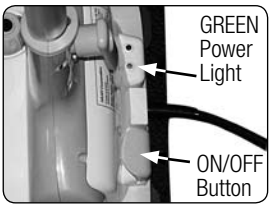
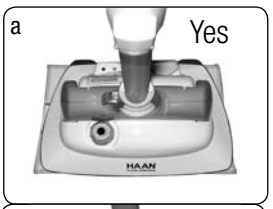


Fig 5



Operating Instructions:

1) Remove all parts from the packaging.

2) Assemble the unit as described on page 6.

3) **IMPORTANT:** Make sure you remove the clear plastic film that is over the Thermal Indicator on the water tank cap. Failure to do this could inhibit the sensor and give an incorrect reading. DO NOT remove the black sensor.(Fig 1)

4) Place the Floor Sanitizer on the black Floor Protector Pad (be sure the "bumpy" side is facing up), and open the tank filling cap. (Fig 2)

5) Using the provided fill cup, pour no more than one fill cup of water (as indicated by the fill line on the cup) into the tank. **Do not overfill**. There is a gray bar just inside the opening of the Water Tank to show the correct water level. Replace the cap when finished. (Fig 3)

6) Plug the Floor Sanitizer into a standard 120-volt grounded wall receptacle.

7) Press the YELLOW ON/OFF power button to turn your Floor Sanitizer ON. The GREEN Power ON light will illuminate. (Fig 4)

▶ *NOTE: The YELLOW button can sometimes be confused as a release for the handle/pole of the FS-20. The YELLOW button is the POWER button only. To release the handle/pole, simply place your foot gently on top of the unit and pull back.*

Your Floor Sanitizer is ready to use when the Thermal Indicator on the tank cap changes from black to orange.This usually takes less than 3 minutes but no longer than 5 minutes.

8) Place an Ultra-Microfiber Pad on the floor with the 'hook & loop' side facing up. Lightly press the Floor Sanitizer on the pad making sure the Ultra-Microfiber Pad is centrally positioned to the bottom of the unit. The specially designed bottom of the HS-E2010Y will grip the pad.

DO NOT attach the pad crossways to the bottom of the unit. (Fig 5a & 5b)

Fig 6

Fig 7

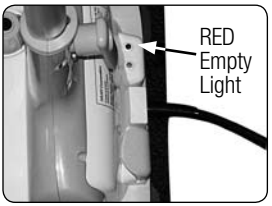


Fig 8

Fig 9

CAUTION

Never use your FS-20 without the Ultra-Microfiber Pad attached to the base, unless you are using the optional Sanitizing Tray for carpet and soft surfaces.

Never leave the Ultra-Microfibe Pad on your floor sanitizer when you have finished using the floor sanitizer.

Operating Instructions: (cont)

9) Push and pull the FS-20 Steam Cleaning Floor Sanitizer slowly across your floor to thoroughly steam clean each section. (Fig 6)

To Refill Water Tank:

10) When there is no more water in the tank, the RED Empty Light will illuminate. (Fig 7)

11) To refill the water tank, turn your Floor Sanitizer off and unplug from the electrical wall outlet and let the unit cool for 30 seconds. Then remove the fill cap and pour in the water. **Do not overfill**. (Fig 8)

12) When you have finished using the Floor Sanitizer, turn it OFF and wait until the unit cools down for approximately five (5) minutes before removing the Ultra-Microfiber Pad from the base. Remove the pad by using your foot to hold the pad while you pull up to detach the pad from the steam head. The pad and unit are specially designed for this '*No Touch*' method of removal. (Fig 9)

▶ *NOTE: The Ultra-Microfiber Pad gets very hot with the steam. Allow it to cool on black Floor Protector/Resting Mat before removal.*

13) Store the unit upright in a protected dry area, standing it on the Floor Protector/Resting Mat, or by hanging it by the Storage Hook.

Special Notes on Using your **HAAN**® Floor Sanitizer:

- Always vacuum or sweep floor before sanitizing.
- The easiest way to use the machine is to tilt the handle to a 45˚ angle and clean *slowly* 2-3 yards at a time.
- Although we do not advocate the use of chemicals, to remove stubborn stains from vinyl or linoleum floors, you can pre-treat with a mild detergent and some water before using the floor sanitizer.
- Never leave the Ultra-Microfiber Pad on your Floor Sanitizer when you have finished using the unit. Always remove the pad and wash in cool or warm water with a mild detergent. Never use bleach or fabric softener. See further instructions on the care of the Ultra-Microfiber Pad on page 10-11.

Fig 10

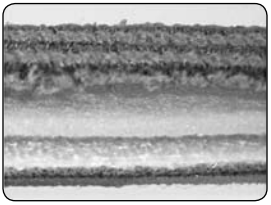


Fig 11

HELPFUL HAAN® HINT:
We recommend placing your floor sanitizer on the Floor Protector/Resting Pad while the unit heats up. When the unit is ready, lift it off of the resting pad and simply place the Ultra-Microfiber Pad on the floor. The 'hook & loop' system quickly attaches the pad to the base of the unit.

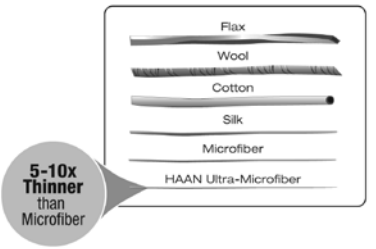
Never leave the appliance in one spot on any surface for any period of time. Always place your Floor Sanitizer on the Floor Protector/Resting Mat when stationary and make sure the floor sanitizer is turned off when not in use.

Operating Instructions: (cont)

Ultra-Microfiber Pads

What is an ultra-microfiber?

An ultra-microfiber is a textile fiber that is thinner than a microfiber. The ultra-microfiber by **HAAN®** Corporation is 5-10 times thinner than common microfiber providing for a significantly higher thread count in the same surface area. The thinner and higher the thread count, the greater the absorption. The **HAAN®** ultra-microfibers are so thin that more dirt and dust gets trapped between the fibers, making your cleaning simpler and less time-consuming.



How to Use the Ultra-Microfiber Pads:

1) Please make sure that you always use completely dried pads.
2) The Ultra-Microfber Pad is made up of multiple layers of super absorbent material. (Fig 10) The outer layer is ultra-microfiber on one side and a 'hook & loop' system on the other side that attaches easily to the underside of the steam head. Simply place the pad on the floor with the 'hook & loop' side up, and lightly press the FS-20 Floor Sanitizer down on the pad.
3) As high temperature steam passes through a pad to contact the floor to kill germs, molds and mites, it is natural that the pad gradually absorbs moisture. After a certain length of time, the pad repels water and becomes damp. When the pad becomes saturated, turn the unit OFF and wait until the Floor Sanitizer cools down for approximately five (5) minutes. Put your foot on a corner of the pad and lift the Floor Sanitizer off the pad. (Fig 11)

Fig 12

WARNING

Colors may bleed during first wash. Be careful when machine washing or drying with mixed fabrics as micro-fiber cloths will pick up lint from other fabrics.

Fig 13

Fig 14

HELPFUL HAAN® HINT:
While using the Floor Sanitizer with the Sanitizing Tray will not lift all set-in stains from your carpet, our patented Ultra-Microfiber Pad may be used to act as a "blotter" for removing most fresh, wet spills and stains.

Operating Instructions: (cont)

How to Use the Ultra-Microfiber Pads: (cont.)

Replace with a dry pad on the steam head, turn the FS-20 back on and once the thermal indicator turns orange, continue cleaning.

4) To keep the floor clean and dry, replace the pad when it is dirty and/or saturated.

How to Clean and Store the **HAAN®** Ultra-Microfiber Pads:

1) Ultra-Microfiber Pads are easy to wash. Soak pads for about 1-2 hours in cold or lukewarm water with laundry detergent and hand wash them. You can also drop the pads in a washing machine and clean them using the gentle/delicate cycle. DO NOT use fabric softener as this will compromise the absorbency of the microfiber. (Fig 12)

2) You may dry your Ultra-Microfiber Pads in a machine dryer on a low setting, but to extend the life of the pads we recommend air drying the pads.

Sanitizing Tray Attachment (included with the FS-20+ or available as an optional purchase)

What is the Sanitizing Tray?

The Sanitizing Tray enables the Floor Sanitizer to freshen, deodorize and sanitize carpeting, rugs, and more. Used with the Floor Sanitizer it kills dust mites and other allergens in a variety of soft surfaces. (Fig 13)

How to use the Sanitizing Tray:

IMPORTANT: The Sanitizing Tray is used ***without*** the Ultra-Microfiber Pad.

1) The tray attaches directly to the unit by snapping onto the bottom of the steam head. (Fig 14)

   To attach the tray, make sure the silver bar towards the back is upright. Then simply tilt the FS-20 so the front of the steam head slips under the front clips, press down and use the silver bar to clip it in place. The tray is made to fit snuggly.

Operating Instructions: (cont)

Fig 15

CAUTION

DO NOT overfill the water tank. Use only 1 cupful of the included Fill Cup when adding water to the tank. There is a line indicating the correct level just inside the opening to the Water Tank.

Fig 16

CAUTION

The FS-20 emits steam at 212˚F to sanitize the area of use. This means that the steam head, Ultra-Microfiber Pads and Sanitizing Tray get very hot during use. Care should be taken when using this appliance and DO NOT touch them during use except in the approved manner as outlined in this manual.

How to use the Sanitizing Tray: (cont)

2) After attaching the tray, press the YELLOW ON/OFF power button to turn your Floor Sanitizer ON. The GREEN Power ON light will illuminate. Wait for the Thermal Indicator on the tank cap to change from black to orange to show the unit is ready for use.

3) Push and pull the Floor Sanitizer *slowly* across the carpet (or other soft surface) to thoroughly steam clean each section. (Fig 15)

4) When there is no more water in the tank, the RED Empty Light will illuminate to indicate a need to refill before continuing to sanitize.

5) Place the unit on the Floor Protector/Resting Mat and turn your Floor Sanitizer OFF. Unplug the unit from the electrical wall outlet and wait for approximately five (5) minutes until the unit cools down before removing the cap.

6) Refill the Water Tank using the included Fill Cup. Replace the cap when correct water level is reached.

7) When you have finished using the Floor Sanitizer, turn it OFF, place it on the Floor Protector/Resting Mat and wait until the Floor Sanitizer cools down for approximately five (5) minutes. Remove the Sanitizing Tray by using your foot to pull back on the silver bar and then holding the tray with your foot, lift the FS-20 off the tray. The tray is designed for this *No Touch* method of removal. (Fig 16)

8) Store the FS-20 and its accessories in a protected dry area with the Floor Sanitizer standing on the Floor Protector/Resting Mat, or by hanging it by the Storage Hook.

Using the Sanitizing Tray on Fresh Stains:

The Sanitizing Tray can be used to break up fresh stains on carpeting, rugs, upholstery, pet cushions and other soft surfaces. Follow theses instructions to make the most of your FS-20.

1) Follow the previous instructions to attach the Sanitizing Tray and set up the unit for use (Steps 1 & 2 above).

Operating Instructions: (cont)

Using the Sanitizing Tray on Fresh Stains: (cont)

2) Place the Floor Sanitizer over the stain and hold it in place for a few seconds to allow the steam to penetrate the area of the stain.

3) Push and pull the Floor Sanitizer slowly across the stained area to work the steam into the stain.

4) Place the FS-20 on the Floor Protector/Resting Mat, turn it OFF and wait until the Floor Sanitizer cools down (approximately 5 minutes). Carefully remove the Sanitizing Tray as described in Step 7 on the previous page. (see Fig 16)

5) Return the Floor Sanitizer to the Resting Mat and turn the unit ON. Once the Thermal Sensor has changed to orange indicating it is ready to use, place a dry Ultra-Microfiber Pad on the floor — *hook & loop* side up — and press the unit onto the pad.

6) Use the pad to rub the stain area, simultaneously working at the stain and blotting the moisture from the surface.

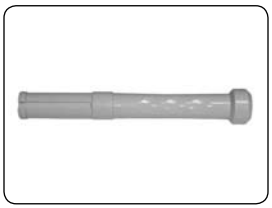
7) When you have finished using the unit, turn it OFF, place it on the Floor Protector/Resting Mat and wait until the Floor Sanitizer cools down before removing the Ultra-Microfiber Pad from the base.

8) Store the FS-20 upright in a protected dry area, standing it on the Floor Protector/Resting Mat, or by hanging it by the Storage Hook.

CAUTION

The FS-20 emits steam at 212˚F to sanitize the area of use. This means that the steam head, Ultra-Microfiber Pads and Sanitizing Tray get very hot during use. Care should be taken when using this appliance and DO NOT touch them during use except in the approved manner as outlined in this manual.

Fig 17



Short Handle (available as an optional purchase)

What is the Short Handle?

The Short Handle enables the Floor Sanitizer to clean and sanitize surfaces other than floors, including bedding, counter tops and other surfaces throughout the home. Freshen, deodorize and sanitize upholstery, pet cushions and more. Used with the Floor Sanitizer, it kills dust mites and other allergens in a variety of soft surfaces. (Fig 17)

Fig 19

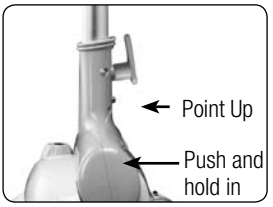


Fig 20

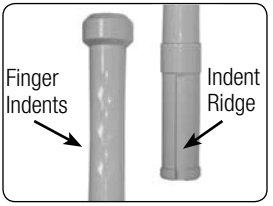


Fig 21

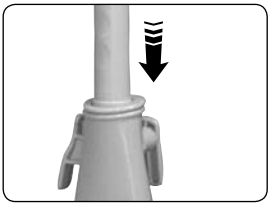


Fig 22

CAUTION

The FS-20 emits steam at 212˚F to sanitize the area of use. This means that the steam head, Ultra-Microfiber Pads and Sanitizing Tray get very hot during use. Care should be taken when using this appliance and DO NOT touch them during use except in the approved manner as outlined in this manual.

Operating Instructions: (cont)

Attaching the Short Handle:

1) To attach the optional Short Handle to your FS-20, first remove the telescoping pole from your FS-20. To do that, twist the lower Pivoting Power Cord Wrap so that it is pointing up. This will give you easy access to the Locking Pin. (Fig 19)

2) Grasp the pole just above the base, push and hold in the Locking Pin. Then twist and pull up on the pole to remove it. (Fig 20)

3) Holding the Short Handle with the silver Locking Pin in the back and the three shallow fingertip impressions in the front, line the pin up with the hole in the base of the Floor Sanitizer. This will also place the indent on the front of the handle in line with the ridge inside the opening of the base. (Fig 21) Use this to guide the handle into the base. Slide it down into the opening until the pin clicks into place to secure the Short Handle. (Fig 22)

Using the Short Handle:

You may use the short handle with the optional Sanitizing Tray (included with the FS-20+) to sanitize carpets and other soft surfaces. You may also use the short handle with an Ultra-Microfiber Pad (without the Sanitizing Tray) to clean counter tops and other flat hard surfaces.

1) Once you have attached the Short Handle follow the instructions for using the Floor Sanitizer with the Ultra-Microfiber Pad to sanitize hard surfaces such as counter tops in the kitchen or bathroom (pg 10-11).

   Or if you are sanitizing bedding, mattresses, animal cushions/pet beds etc, or using for fresh stain removal, you will want to follow the instructions for using it with the Sanitizing Tray (pg 11-13).

2) The Short Handle acts just like the regular pole and you can adjust the angle of the handle just by pulling it back from the base. Push and pull the Floor Sanitizer *slowly* across the area to thoroughly steam clean each section.

3) To remove the Short Handle, push in and hold the Locking Pin, twist and gently pull the handle from the base.

IMPORTANT

Always be sure that your floor sanitizer is UNPLUGGED from the wall receptacle prior to cleaning or before emptying the water tank.

Fig 22

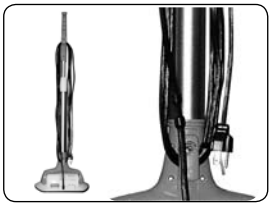
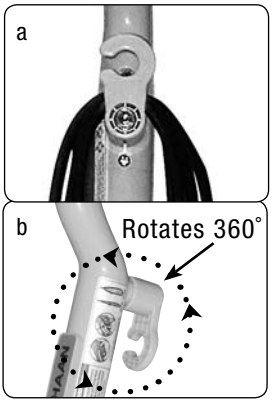


Fig 23



CAUTION

Do not immerse your Floor Sanitizer in water or any other liquid.

HELPFUL HAAN® HINT:
DO NOT use fabric softener when washing the Ultra-Microfiber Pads as this will compromise the absorbency of the microfiber.

1) Turn your Floor Sanitizer off and unplug the unit from the electrical outlet.
2) Place the unit on the Floor Protector/Resting Mat.
3) Prepare to store the Floor Sanitizer by looping the power cord around the pivoting cord wraps found on the handle pole and snap the plug securely onto the cord when complete. (Fig 22)
4) Let your Floor Sanitizer cool for five (5) minutes before removing the Ultra-Microfiber Pad.
5) Always empty the water tank once you have finished using your Floor Sanitizer and before you store the unit.
6) Remove the Ultra-Microfiber Pad and wash in warm water with a mild detergent. Never use bleach or fabric softener when cleaning the Ultra-Microfiber Pad. The pad can be washed in a washing machine set on the gentle cycle. We recommend that you air dry the pads for 24 hours, but they can also be dried in a clothes dryer on a low heat setting.
7) To clean the body of your Floor Sanitizer wipe it down with a damp cloth.
8) You may wish to lower the Telescoping Pole to its lowest level before storing the FS-20.
9) Store the unit upright in a protected dry area, standing it on the Floor Protector/Resting Mat, or by hanging it by the Storage Hook. (Fig 23a & b))

Any other maintenance or service not included in this manual should be performed by an authorized service representative.

For questions call the Customer Care Center: 1-877-**HAAN**DIRECT (1-877-422-6347)

Mineral Deposits:

IMPORTANT

Fresh Rinse™ Lime & Scale Remover is only for use with the **HAAN**® Steam Cleaners.

This Lime & Scale Remover is **NOT A FLOOR CLEANING AGENT** and should not be used for steam cleaning floors. Its purpose is to break down the lime and scale deposits that build up in the water tank over time. Removing this residue ensures optimum performance for the life of your **HAAN**®.

CAUTION

DO NOT overfill the water tank. Use only 1 cupful of the included Fill Cup when adding water to the tank. There is a line indicating the correct level just inside the opening to the Water Tank.

CAUTION

Keep the *Fresh Rinse*™ Lime & Scale Remover in a cool, dry place. Keep out of reach of children.

Irritant - avoid contact with eyes, skin and clothing. DO NOT breathe dust. Avoid prolonged or repeated exposure. DO NOT ingest.

One problem with a steamer appliance is the mineral deposits caused by the high mineral content in many municipal water supplies. Mineral residue inside of the internal pipes and heater can cause intermittent steaming or, in some cases, no steam at all.

To reduce or eliminate the occurrence of mineral deposits, we recommend the use of de-mineralized or distilled water in the unit. However, regular tap water may be used.

If regular tap water is used, we recommend the use of a 'Lime & Scale Remover' every 2 or 3 months to ensure optimum functionality from your **HAAN**® Floor Sanitizer. You can purchase this directly from the **HAAN**® web site (see below).

How to use the *Fresh Rinse*™ Lime & Scale Remover:

1) Pour 1 cup of water (8 oz.) into the water tank.
2) Add the *Fresh Rinse*™ to the water tank.
3) Lift the unit and gently shake the water tank to dissolve the remover.
4) Use the *Fresh Rinse*™ every 2-3 months to ensure optimum function from your **HAAN**® Steam Cleaning Floor Sanitizer.

IN CASE OF CONTACT WITH EYES OR SKIN: Hold eye open and rinse with copious amounts of cool water for 15-20 minutes. Remove contact lenses after first 15 minutes and continue rinsing. Wash skin with soap and lots of water. Call a Poison Control Center or your physician for treatment advice.

IN CASE OF INGESTION: If swallowed, do not induce vomiting; if person is conscious wash out mouth with water. Drink a glass of water followed with milk. Call a physician immediately.

IF INHALED: remove to fresh air; if not breathing give artificial respiration and if breathing is still difficult, give oxygen.

Helpful Hints

- Be sure to always vacuum or sweep up loose dirt before steam cleaning your floors. The FS-20 does not have any suction power.
- The easiest way to use the FS-20 is to tilt the handle to a 45° angle and push and pull the unit slowly across each section of your floor – approximately 2 to 3 yards at a time.
- To release the handle/pole in preparation for using the FS-20, simply place your foot gently on top of the main unit and pull back. Be sure not to confuse the yellow power button as a release for the handle.
- A good amount of steam passes through the Ultra-Microfiber Pad. We recommend that the Ultra-Microfiber Pad be changed when it gets too wet; these need to be replaced as necessary. Your FS-20 or FS-20+ includes two Ultra-Microfiber Pads.
- While the FS-20 effectively cleans dirt and grime from hard-surface floors, particularly stubborn stains on vinyl or linoleum floors may be pre-treated with a mild detergent and a little water before using the Steam Cleaning Floor Sanitizer.
- Always let the Floor Sanitizer cool for at least 5 minutes before removing the Ultra-microfiber Pad and emptying the water tank.
- Never leave the FS-20 in one spot on any surface for any period of time. Always place your FS-20 on the black Protector Mat (with the “bumpy” side facing up) when stationary, and make sure the Floor Sanitizer is turned off when not in use.
- Do NOT attempt to use the FS-20 in a vertical position (ie: to clean a tile wall) as this may cause leaking or malfunction of the product.
- You may use your FS-20 Steam Cleaning Floor Sanitizer to clean counter tops and other hard surfaces, as well as bedding, upholstery and other soft surfaces by using our special short handle attachment. This optional attachment is available for purchase through our web site: www.**HAAN**USA.com or by calling our Customer Care center at 1-877-**HAAN**-DIRECT (1-877-422-6347).

Questions About the Floor Sanitizer

QUESTION: Can the HAAN® floor sanitizer be used on laminate flooring?

The **HAAN®** floor sanitizer was designed for use on sensitive flooring like laminates. We've spent years optimizing the steam emission so that at nearly half the wattage of competitive products (ours is only 800w versus most that are 1500w), we still emit steam at 212˚F. This means our finer vapor-like steam is gentler than those that simply blast 1500w of water and steam onto your floor. Yet, the **HAAN®** is more effective at penetrating stains and killing harmful germs and bacteria than competitors. Steam is all we do, and we've spent years perfecting it.

QUESTION: How do I use the black rubber pad included with my FS-20?

The black Floor Protector/Resting Mat is to be used whenever your FS-20 is not being actively used. Place your Steam Cleaning Floor Sanitizer on the Floor Protector/Resting Mat (with the "bumpy" side facing up) as soon as you assemble your unit and before you fill the water tank. The FS-20 should remain on the Pad while it heats up, AND you should always set your FS-20 on the pad if you need to take a quick break from steaming. Never leave your FS-20 sit in any one spot on the floor for any length of time or it may damage the floor surface. The black Floor Protector/Resting Mat should also be used when the unit is cooling down. If you store your FS-20 standing up (as opposed to hanging on a hook), we recommend you keep the unit on the Pad for storage as well.

QUESTION: Can I use the HAAN® FS-20 anywhere besides the floors?

Yes! You can use the FS-20 Steam Cleaning Floor Sanitizer to clean and sanitize counter tops in your kitchen and bath. And you'll love how it cleans your shower floor. Our optional Short Handle attachment makes it easier to tackle many household cleaning tasks with the FS-20. If you use the optional Sanitizing Tray (which is included with the FS-20+ model), you can freshen and kill dust mites in the carpet, rugs, mattresses, upholstery, pet beds and more.

Questions About the Floor Sanitizer

QUESTION: Why does the unit stop steaming when the red refill light comes on?

When the red refill light comes on, the unit automatically shuts off as a safety feature.

QUESTION: When I first used my FS-20, the pads left water streaks on my floor – why?

It is likely you attached your Ultra-Microfiber Pad to the bottom of the FS-20 before the unit was heated causing the pad to become wet. It is best to heat the unit on the black Floor Protector/Resting Mat ("bumpy" side facing up) before placing the Ultra-Microfiber Pad on the steam head. Attach the Ultra-Microfiber Pad only after the Thermal Indicator turns orange. Simply toss the Ultra-Microfiber Pad on the floor (with the white hook & loop side facing up) and set the base of the FS-20 on top of it. The hook & loop system will cause the Ultra-Microfiber Pad to attach itself easily, so you won't have to touch it.

QUESTION: How often do I have to buy new Ultra-Microfiber pads?

The two patented Ultra-Microfiber Pads included with your **HAAN®** FS-20 Steam Cleaning Floor Sanitizer are reusable. You simply toss them in the wash machine – *but please* **DON'T** use fabric softener. We recommend air drying the pads, but you may also dry them on a low heat setting in your dryer. Each pad will last through many washes. Replacement pads are available for purchase on our web site (www.**HAAN®**USA.com).

QUESTION: What is the big difference between the HAAN FS-20 Steam Cleaning Floor Sanitizer and other floor cleaners?

The FS-20 uses only water to clean and sanitize horizontal surfaces. No harsh detergents or chemicals are needed. By emitting steam at 212°F, the **HAAN®** FS-20 kills 99.9% of household germs and allergens, including dust mites, e. coli and salmonella – all in one second!

Questions About the Floor Sanitizer

QUESTION: I don't see much steam coming out of the HAAN® FS-20 Steam Cleaning Floor Sanitizer – why not?

Actually, you shouldn't be able to see that much steam coming out of the FS-20. The truth is, the more steam you see when in use, the less effective a floor sanitizer is, because the steam should be physically directed to cleaning your floors (or other horizontal hard surfaces), and not escaping through other parts of the steamer.

QUESTION: The HAAN® Floor Sanitizer is leaving my floor wet. Why and what can I do about it?

The Ultra-Microfiber Pad may need to be changed. For optimal performance, the pad should be changed after 10 minutes of use.

QUESTION: How long can you use an Ultra-microfiber Pad before it needs to be changed?

The pad should be changed approximately every 10 minutes, or when it becomes saturated with water. The machine will become harder to push smoothly on the floor when the pad is saturated.

QUESTION: How long does a tank of water last? how often do I need to refill the tank?

A full tank will last approximately 20 minutes.

QUESTION: Sometimes my floor sanitizer becomes hard to push – why?

If the unit is hard to push it is likely because the Ultra-Microfiber Pad is too wet or the angle at which you are using the machine is too high. The lower the handle, the easier the floor sanitizer is to push across the floor and if doing this does not help try replacing the Pad with a dry one.

QUESTION: Will the HAAN® floor sanitizer clean grout?

Yes, but it needs a little help. If you glide your **HAAN®** over the problem grout areas and then scrub with your Ultra-Microfiber Pad, it should effectively clean surface dirt in your grout.

QUESTION: How do I use the Sanitizing Tray for my carpet?

The Sanitizing Tray is to be used without the Ultra-Microfiber Pad and can be attached directly to the unit. See directions for attaching it and using it on pg 11-13.

QUESTION: Do I have to use distilled water in my HAAN® floor sanitizer?

We recommend distilled water, but you may use tap water, unless you have hard water in your area. Using hard water will shorten the life of your appliance.

QUESTION: How can I prolong the life of my HAAN®?

To optimize and extend the life of your Floor Sanitizer, especially if your area has hard water, we recommend using the **HAAN®** *Fresh Rinse*™ Lime and Scale Remover (available on our web site) every six months.

QUESTION: Does the HAAN® work on pet stains?

Yes, the **HAAN®** is able to spot clean fresh stains by loosening and lifting the stain. See details for this on pg 12-13.

QUESTION: Where does the dirt go?

The FS-20 is ***NOT*** a vacuum, so it does not have any suction power to pick up dirt. Be sure to vacuum or sweep up any loose dirt before using your FS-20 Steam Cleaning Floor Sanitizer. The FS-20 Steam Cleaning Floor Sanitizer is designed to use the power of steam to thoroughly clean your floor while killing 99.9% of germs and bacteria. You'll notice the bottom of your Ultra-Microfiber Pads will likely get dirty after cleaning your hard surface floors. That's why they're made to be washable and reusable.

QUESTION: Do all the germs and bacteria get trapped in the water tank?

No. If you forget to empty the water tank after using the Floor Sanitizer, the cutting-edge, silver nano-particle technology used by **HAAN®** prevents any germ cultivation in the remaining water. Furthermore, water in the tank is heated in excess of 212°F, killing any bacteria or germs in the water as it transforms into steam for the Floor Sanitizer.

Troubleshooting

This chapter summarizes the most common problems you could encounter with your floor sanitizer. Please read the different sections for more details. If you are unable to solve the problem, please contact our Customer Care Representatives at the number shown below.

PROBLEM: Floor Sanitizer does not operate.

Possible Cause:

1) Power cord not firmly plugged into outlet.
2) No power in wall outlet.

Possible Solution:

1) Check plug in outlet and set plug firmly.
2) Check fuse or breaker. Replace fuse and/or reset breaker.

PROBLEM: Floor Sanitizer does not emit steam.

Possible Cause:

1) No water in water tank.

Possible Solution:

1) Add water to the water tank following the instructions on page 9.

PROBLEM: Red light comes on and/or unit shuts off shortly after the water in the tank is heated.

Possible Cause:

1) Your thermostat may not have been pre-boiled to trigger proper thermostat levels.

Possible Solution:

1) Shut the unit off, remove the plug from the electrical outlet and empty the tank completely. After the unit has cooled down, refill the tank with cold water, using a little less than indicated by the line on the fill cup. Plug the unit back into the wall receptacle and press the yellow power button to start sanitizing.

PROBLEM: Water is leaking from the Floor Sanitizer.

Possible Cause:

1) Your unit's water tank is overfilled.

Possible Solution:

1) The fill line on the Fill Cup indicates the proper amount of water needed for the tank, but you may want to try putting a little less water in the tank.

NOTE: *Water should not go above the "bar" inside the opening on top of the tank.*

PROBLEM: Floor Sanitizer leaves water on the floor.

Possible Cause:

1) Ultra-Microfiber Pad is saturated.
2) Unit is not level on the floor.

Possible Solution:

1) Turn off unit, unplug from power outlet and change the Ultra-Microfiber Pad as described on pg 10.
2) Always keep the Floor Sanitizer level and parallel to the floor.

PROBLEM: Floor Sanitizer left white spot on the floor.

Possible Cause:

1) The Floor Sanitizer left in one spot for too long.
2) The Floor Sanitizer was not placed on the Floor Protector/Resting Mat.
3) Hard water was used in the Floor Sanitizer.

Possible Solution:

1) Always place your Floor Sanitizer on the Floor Protector/Resting Mat whenever not actively using it. ***Never*** leave the FS-20 in one spot on any surface for any period of time.
2) Use distilled water in the Floor Sanitizer.

NOTE: *To remove spot, use a damp, dry cloth with a few drops of white vinegar and rub the stain to remove spot.*

One-Year Limited Warranty

Your **HAAN**® Floor Sanitizer is warranted to be free from defects in material and workmanship for a period of one (1) year from the date of purchase when utilized for normal household use by the original purchaser only. The included Warranty Registration Card should be filled out and returned within thirty (30) days of purchase. This will register your product. Should any defect covered by the terms of the limited warranty be discovered within one year, **HAAN**® Corporation will repair or replace the defective part, provided the unit is returned by the original purchaser, freight prepaid, to: **HAAN**® Corporation, 1866 Colonial Village Lane, Lancaster, PA 17601. Proof of purchase is required and should accompany the return.

The liability under this warranty is limited solely to the cost of the replacement parts or the complete unit at our option. Labor charges are not included.

This warranty is extended to the original purchaser of the unit and excludes all other legal and/or conventional warranties. The responsibility of **HAAN**® Corporation, if any, is limited to the specific obligations expressly assumed by it under the terms of the limited warranty. In no event is **HAAN**® Corporation liable for incidental or consequential damages of any nature whatsoever. Some states/provinces do not permit the exclusion or limitation of incidental or consequential damages, so the above may not apply to you. This warranty gives you specific legal rights which vary from state to state or province to province.

IMPORTANT: Before packing be sure to attach a tag to item with your name, complete address, phone number and a note giving purchase information, model number and what you believe to be the problem with the item. Carefully pack item to avoid damage in shipping. To expedite your repair, we request that you call Customer Care to report the problem prior to shipping your product back. We also recommend that you insure the package (as damage in shipping is not covered by our warranty). Mark the outside of your package "ATTENTION CUSTOMER SERVICE." We are constantly striving to improve our products; therefore, the specifications contained herein are subject to change without notice.

Warranty Notice: FAILURE TO COMPLETE AND RETURN THE PRODUCT REGISTRATION CARD WILL NOT DIMINISH YOUR WARRANTY RIGHTS.

Specifications

Product Specifications: Model FS-20

Color	Lemon & White
Size:	50.5″H x 11.5″W x 7.5″D (Telescoping Pole fully extended)
	38″H x 11.5″W x 7.5″D (lowest height)
Weight	3.15 lbs
Voltage/Hz	120 volts / 60 Hz
Wattage	800 watts
Cord Length	19′ 8″
Tank Capacity	11.83 fluid ounces (350 ml)
Heat-up time	less than 3 minutes
Operating Time	20 minutes before refill is needed

*Dimensions approximated. Dimensions include base and measured without hose, steam head or attachments.

Don't miss out on all the benefits that come with registration.
Go to www.**HAAN** USA.com /register, call or mail this completed form today.

Product Registration

HAAN®
engineering clean.™

Please fill out and mail this Product Registration Card within ten (10) days of purchase. In order to validate the foresaid Limited Warranty. The registration will allow us to contact you in the unlikely event of a product safety notification. By returning this card you acknowledge that you have read and understood the instructions for use and the warnings set forth within the instructions.

First Name _____ Last Name _____

Address _____

City _____ State/Province _____

Zip Code / Postal Code _____ Country / Territory _____

Product Name / Model Number _____

Date Purchased _____ Place of Purchase _____

(Fold here and tape closed before mailing)

Warranty Notice: FAILURE TO COMPLETE AND RETURN THIS PRODUCT REGISTRATION CARD WILL NOT DIMINISH YOUR WARRANTY RIGHTS.

Privacy Notice: We use this information requested on this card to process your registration, thereby allowing you to receive the benefits of being a registered user, and for use in post-sales services. Other uses of your information are governed by the choices you make in answering the questions and the HAAN privacy policy. For information on this policy contact 877- HAAN Direct.

1) Yes! I would like HAAN to send me information on products and services including new product releases,events and special offers. You may contact me by:
   - ☐ email _____
   - ☐ phone _____
   - ☐ mail

2) What other **HAAN**® products have you purchased?

_____

_____

_____

Cut along dashed line

HAAN®
engineering clean.™

Place
Stamp
Here

Product Registration
HAAN Corporation
1866 Colonial Village Lane
Lancaster, PA 17601

3) Where did you purchase your **HAAN**® product?

4) How did you hear about **HAAN**®?

5) We like to hear from our product owners. Please add any comments here:

HAAN®

engineering clean.™

HAAN Corporation
1866 Colonial Village Lane
Lancaster, PA 17601

www.**HAAN**USA.com